

AMENDMENTSIn the claims:

Please amend Claims 136, 139, 140, 142, 143, 145, and 152, and insert new Claims 177 through 178. A marked-up copy of the claims is enclosed herewith.

R1  
R2  
136. A compound of Claim 135, wherein  $0 < y < 0.5$ .

139. A compound of Claim 135, wherein said compound has an olivine structure.

140. A compound of Claim 139, wherein said compound is a single phase compound.

142. A compound of Claim 141, wherein said compound is represented by the nominal formula  $\text{LiFe}_{1-y}\text{Mg}_y\text{PO}_4$ ; and  $0 < y < 0.5$ .

R3  
143. A compound of Claim 142, wherein said compound is a single phase compound.

R4  
145. A compound of Claim 144, wherein the compound is a single phase compound.

R5  
152. A compound of Claim 148 which has an olivine structure.

R6  
177. An electrode of Claim 157, wherein said active material is a single phase compound.

178. A lithium battery of Claim 166, wherein said active material is a single phase compound.